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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739 SDG No.: Q1739

Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025

Calibration Time(s): 16:17 21:02

LAB FILE ID: RRF2.5 = BP024160.D RRF005 = BP024161.D RRF010 = BP024162.D
RRF020 = BP024163.D RRF040 = BP024164.D RRF050 = BP024165.D

| COMPOUND | RRF2.5 | RRF005 | RRF010 | RRF020 | RRF040 | RRF050 | RRF | % RSD |
|---|---|---|---|---|---|---|---|---|
| Pyridine | | 1.296 | 1.269 | 1.406 | 1.311 | 1.396 | 1.358 | 4.7 |
| 2-Fluorophenol | | 1.158 | 1.194 | 1.307 | 1.211 | 1.291 | 1.253 | 5.1 |
| Phenol-d6 | | 1.518 | 1.581 | 1.747 | 1.631 | 1.749 | 1.675 | 5.9 |
| 1,4-Dichlorobenzene | | 1.507 | 1.474 | 1.562 | 1.413 | 1.493 | 1.490 | 3.0 |
| 2-Methylphenol | | 0.932 | 0.997 | 1.120 | 1.038 | 1.116 | 1.061 | 7.0 |
| 3+4-Methylphenols | | 1.265 | 1.360 | 1.530 | 1.433 | 1.547 | 1.457 | 7.5 |
| Nitrobenzene-d5 | | 0.330 | 0.338 | 0.366 | 0.351 | 0.362 | 0.354 | 4.3 |
| Hexachloroethane | | 0.533 | 0.512 | 0.547 | 0.508 | 0.533 | 0.529 | 2.7 |
| Nitrobenzene | | 0.330 | 0.336 | 0.362 | 0.341 | 0.355 | 0.350 | 3.9 |
| Hexachlorobutadiene | | 0.177 | 0.178 | 0.187 | 0.180 | 0.187 | 0.185 | 3.4 |
| 2,4,6-Trichlorophenol | | 0.291 | 0.324 | 0.379 | 0.372 | 0.391 | 0.367 | 12.0 |
| 2-Fluorobiphenyl | | 1.364 | 1.358 | 1.420 | 1.319 | 1.335 | 1.356 | 2.4 |
| 2,4,5-Trichlorophenol | | 0.331 | 0.362 | 0.414 | 0.409 | 0.422 | 0.403 | 10.2 |
| 2,4-Dinitrotoluene | | 0.295 | 0.334 | 0.400 | 0.394 | 0.423 | 0.389 | 14.2 |
| 2,4,6-Tribromophenol | | 0.203 | 0.222 | 0.256 | 0.252 | 0.270 | 0.252 | 11.7 |
| Hexachlorobenzene | | 0.248 | 0.249 | 0.263 | 0.254 | 0.263 | 0.260 | 3.8 |
| Pentachlorophenol | | 0.121 | 0.140 | 0.166 | 0.177 | 0.184 | 0.168 | 16.6 |
| Terphenyl-d14 | | 0.967 | 0.973 | 1.033 | 0.948 | 0.966 | 0.969 | 3.4 |

All other compounds must meet a minimum RRF of 0.010.